

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
(Under 37 CFR 1.97(b) or 1.97(c))

IPW  
Docket No.  
UCT-0041

In Re Application Of: **Quing Zhu**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/764,268	January 23, 2004	NYA	23413	3737	6179

Title: **METHOD OF MEDICAL IMAGING USING COMBINED NEAR INFRARED DIFFUSIVE LIGHT AND  
ULTRASOUND**



Address to:  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**37 CFR 1.97(b)**

- The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

- The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
  - the statement specified in 37 CFR 1.97(e);
  - OR**
  - the fee set forth in 37 CFR 1.17(p).

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
 (Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
 UCT-0041

In Re Application: Quing Zhu

AUG 30 2004

PATENT & TRADEMARK  
OFFICE

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Title: **METHOD OF MEDICAL IMAGING USING COMBINED NEAR INFRARED DIFFUSIVE LIGHT  
ULTRASOUND**

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- A check in the amount of \_\_\_\_\_ is attached.
- The Director is hereby authorized to charge and credit Deposit Account No. 06-1130 as described below.
  - Charge the amount of \_\_\_\_\_
  - Credit any overpayment.
  - Charge any additional fee required.
- Payment by credit card. Form PTO-2038 is attached.

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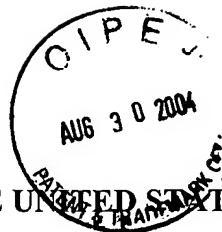
David E. Rodrigues

Registration No. 50,604

(860) 286-2929

Dated: August 27, 2004

CC:



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Quing Zhu )  
 Serial No.: 10/764,268 ) Group Art Unit: 3737  
 Filing Date: January 23, 2004 )  
 For: METHOD OF MEDICAL IMAGING USING )  
 COMBINED NEAR INFRARED DIFFUSIVE )  
 LIGHT AND ULTRASOUND )

Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §§ 1.56, 1.97 AND 1.98**

Sir:

In compliance with the duty to disclose, submitted herewith is form PTO-A820 (PTO-1449) listing publication(s) of which those designated by 37 CFR § 1.56 are aware. Copies of the non-United States patents or published applications are enclosed.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or an admission that the information cited is, or is considered to be, material to patentability.

Respectfully submitted,

CANTOR COLBURN LLP

By: \_\_\_\_\_

  
 David E. Rodrigues  
 Registration No. 50,604

Date: August 27, 2004  
 Customer No.: 23413  
 Telephone: (860) 286-2929

<b>INFORMATION DISCLOSURE CITATIONS</b> <i>(Use several sheets if necessary)</i>				Docket Number (Optional) UCT-0041		Application Number 10/764,268	
				Applicant(s) Quing Zhu		Filing Date January 23, 2004	
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,264,610	07/24/01	Zhu			
		6,524,254	10/02/01	Kenneth Erikson			
		6,690,958	05/07/02	Walker et al.			
		6,752,763	08/19/99	Donald B. Gorshing			
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<b>FOREIGN PATENT DOCUMENTS</b>							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	WO2003000137	03.01.2003	PCT				
	WO2003055383	10.07.2003	PCT				
	WO2003077744	25.09.2003	PCT				
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
		Huang et al., "Dual-mesh optical tomography reconstruction method with a depth correction that uses a priori ultrasound information", Applied Optics, Vol. 43, No. 8, pages 1654-1662, 10 March 2004					
		Q. Zhu et al., "Imager that combines near-infrared diffusive light and ultrasound", Optics Letters, Vol. 24, No. 15, pages 1050-1052 August 1, 1999					
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>		Docket Number (Optional) <b>UCT-0041</b>	Application Number <b>10/764,268</b>
		Applicant(s) <b>Quing Zhu</b>	
		Filing Date <b>January 23, 2004</b>	Group Art Unit <b>3737</b>
<b>*EXAMINER INITIAL</b>	<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>		
	Danen et al., "Regional Imager for Low-Resolution Functional Imaging of the Brain with Diffusing Near-Infrared Light", Photochemistry and Photobiology, 1998, 67(1): pages 33-40		
	Zhu et al., Imaging tumor angiogenesis by use of combined near-infrared diffusive light and ultrasound", Optics letters, Vol. 28 No. 5, pages 337-339 March 1, 2003		
	Chen et al., "Simultaneous near-infrared diffusive light and ultrasound imaging", Applied Optics, Vol. 40 No. 34, pages 6367-6380 December 1, 2001		
	Ebers et al., " Thermal Stability of Polyester-Styrene Resin Systems", Industrial and Engineering Chemistry, Vol. 42, No. 1, Pages 114-119 January 1950		
	Zhu et al., "Ultrasound-Guided Optical Tomographic Imaging of Malignant and Benign Breast Lesions: Initial Clinical Results of 19 Cases" Neoplasia Vol. 5 No. 5, Pages 1-11 July 18, 2003		
<b>EXAMINER</b>	<b>DATE CONSIDERED</b>		

**\*EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.